

FORM PTO-1449  
(Rev. 2-32)

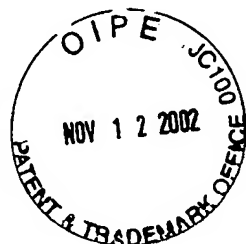
U.S. Department of Commerce  
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10/054,514



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Applicant:

Eric C. Stelter et al.

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U.S. PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
mc	1.	4,473,029	09/25/84	Fritz et al.	118	657	07/01/83
	2.	4,496,643	01/29/85	Wilson et al.	430	110	03/23/84
	3.	4,531,832	07/30/85	Kroll et al.	355	3	08/01/83
	4.	4,546,060	10/08/85	Miskinis et al.	430	108	11/04/83
	5.	4,602,863	07/29/86	Fritz et al.	355	3	06/18/84
	6.	4,634,286	01/06/87	Pike	366	320	09/06/85
	7.	4,637,973	01/20/87	Shigeta et al.	430	122	11/06/85
	8.	4,671,207	06/09/87	Hilbert	118	657	12/11/85
	9.	4,714,046	12/22/87	Steele et al.	118	657	11/20/85
	10.	4,764,445	08/16/88	Miskinis et al.	430	108	06/15/87
	11.	4,825,244	04/25/89	Hediger	355	3	11/23/87
	12.	4,887,132	12/12/89	Joseph et al.	355	253	04/06/84
	13.	4,922,302	05/01/90	Hill et al.	355	251	07/07/88
	14.	4,949,127	08/14/90	Matsuda et al.	355	251	11/28/89
	15.	4,967,236	10/30/90	Rodenberg et al.	355	272	12/27/89
	16.	5,001,028	03/19/91	Mosehauer et al.	430	45	07/28/89
mc	17.	5,019,796	05/28/91	Lee et al.	335	302	12/22/89

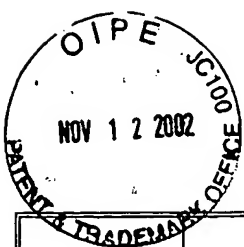
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## U.S. PATENT DOCUMENTS

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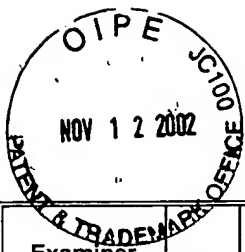
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<i>mc</i>	18.	5,040,003	08/13/91	Willis	346	157	06/04/90
	19.	5,043,760	08/27/91	MacLellan et al.	355	296	04/09/90
	20.	5,047,807	09/10/91	Kalyandurg	355	269	10/15/90
	21.	5,049,471	09/17/91	Higashiguchi et al.	430	122	11/28/89
	22.	5,061,586	10/29/91	Saha et al.	430	108	04/05/90
	23.	5,063,399	11/05/91	Zeman et al.	346	160.1	08/06/90
	24.	5,066,981	11/19/91	Kalyandurg	355	245	10/15/90
	25.	5,084,739	01/28/92	Kalyandurg et al.	355	299	01/22/91
	26.	5,095,340	03/10/92	Mahoney	355	251	09/06/90
	27.	5,104,761	04/14/92	Saha et al.	430	106.6	09/14/90
	28.	5,106,714	04/21/92	Saha et al.	430	106.6	08/01/90
	29.	5,111,245	05/05/92	DeCecca et al.	355	245	12/03/90
	30.	5,132,732	07/21/92	Kalyandurg et al.	355	245	01/22/91
	31.	5,138,388	08/11/92	Kamp et al.	355	251	12/24/90
	32.	5,146,278	09/08/92	Kroll et al.	355	253	03/15/91
	33.	5,148,220	09/15/92	Hilbert et al.	355	245	06/07/91
	34.	5,162,854	11/10/92	Hilbert et al.	355	245	06/07/91
	35.	5,182,608	01/26/93	Kroll et al.	355	326	12/03/90
	36.	5,184,194	02/02/93	Mosehauer et al.	355	297	10/28/91
	37.	5,190,841	03/02/93	Saha et al.	430	106.6	12/19/91
	38.	5,190,842	03/02/93	Saha et al.	430	106.6	12/19/91
	39.	5,196,887	03/23/93	Hilbert et al.	355	251	06/07/91
	40.	5,227,265	07/13/93	DeBoer et al.	430	41	11/30/90
	41.	5,237,127	08/17/93	DeCecca et al.	118	645	11/19/91
	42.	5,239,342	08/24/93	Kubo et al.	355	245	06/25/92
	43.	5,241,327	08/31/93	Rubin et al.	346	76	06/01/92
	44.	5,245,388	09/14/93	Rydelek et al.	355	245	04/27/92
<i>mc</i>	45.	5,247,331	09/21/93	Rydelek	355	245	11/19/91

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## U.S. PATENT DOCUMENTS

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Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
mc	46.	5,255,053	10/19/93	Green et al.	355	200	12/03/92
	47.	5,268,249	12/07/93	Saha et al.	430	106.6	10/29/92
	48.	5,268,719	12/07/93	Rydelek et al.	355	245	12/03/92
	49.	5,280,302	01/18/94	Rubin et al.	346	762	06/05/92
	50.	5,282,002	01/25/94	Jacobs et al.	355	245	12/03/92
	51.	5,291,259	03/01/94	Weitzel et al.	355	306	11/12/92
	52.	5,293,201	03/08/94	Kamp et al.	355	269	11/09/92
	53.	5,296,894	03/22/94	Green et al.	355	200	12/03/92
	54.	5,296,898	03/22/94	Rubin et al.	355	245	08/05/92
	55.	5,296,905	03/22/94	Yousey et al.	355	305	11/12/92
	56.	5,298,358	03/29/94	Rubin et al.	430	126	06/29/92
	57.	5,300,988	04/05/94	Westbrook et al.	355	253	06/17/91
	58.	5,306,592	04/26/94	Saha	430	137	10/29/92
	59.	5,313,993	05/24/94	Corby et al.	141	364	12/03/92
	60.	5,325,161	06/28/94	Saha et al.	355	251	05/24/93
	61.	5,332,645	07/26/94	Saha et al.	430	137	09/28/92
	62.	5,339,140	08/16/94	Zeman et al.	355	246	11/04/92
	63.	5,344,731	09/06/94	Deboer et al.	430	41	07/23/92
	64.	5,347,345	09/13/94	Osterhoudt	355	246	10/19/92
	65.	5,347,347	09/13/94	Hilbert et al.	355	253	05/25/93
	66.	5,376,492	12/27/94	Stelter et al.	430	122	05/20/93
	67.	5,400,124	03/21/95	Kass et al.	355	251	11/16/92
	68.	5,409,791	04/25/95	Kaukeinen et al.	430	54	05/20/93
	69.	5,484,680	01/16/96	Goto et al.	430	122	02/17/95
	70.	5,489,975	02/06/96	Kaukeinen et al.	355	251	03/13/95
	71.	5,500,320	03/19/96	Saha	430	106.60	08/29/94
	72.	5,512,404	04/30/96	Saha	430	106.6	08/29/94
mc	73.	5,592,268	01/07/97	Uehara et al.	399	276	06/22/95

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## U.S. PATENT DOCUMENTS

101054,514

Examiner Initial	No.	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>m.c.</i>	74.	5,640,656	06/17/97	Hilbert et al.	399	273	11/04/92
	75.	5,701,550	12/23/97	Lofftus et al.	399	44	03/22/96
	76.	5,705,307	01/06/98	Tyagi et al.	430	120	05/30/96
	77.	5,713,064	01/27/98	Kasiske et al.	399	99	01/17/96
	78.	5,732,311	03/24/98	May et al.	399	159	12/26/96
	79.	5,748,218	05/05/98	Stelter et al.	347	158	01/17/96
	80.	5,835,832	11/10/98	Rimai et al.	399	308	06/26/97
	81.	5,853,941	12/29/98	Rimai et al.	430	122	12/11/96
	82.	5,923,933	07/13/99	Anzai et al.	399	269	02/13/98
	83.	5,923,937	07/13/99	Thompson et al.	399	302	06/23/98
	84.	5,926,679	07/20/99	May et al.	399	296	12/08/97
	85.	5,998,076	12/07/99	Mahabadi et al.	430	106.6	03/09/98
<i>m.c.</i>	86.	6,125,257	09/26/00	Sekine et al.	399	343	02/05/97

## FOREIGN PATENT DOCUMENTS

Examiner Initial	No.	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>m.c.</i>	87.	WO 85/00438	01/31/85	PCT	—	—	X	
<i>m.c.</i>	88.	JP 04-097268	03/30/92	Japan	—	—		X
<i>m.c.</i>	89.	JP 03-170978	07/24/91	Japan	—	—		X
<i>m.c.</i>	90.	JP 10-161423	06/19/98	Japan	—	—		X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Examiner Initial	No.	
<i>m.c.</i>	91.	B. Lu and S. Torquato, Nearest-surface distribution functions for polydispersed particle systems, Phys. Rev. A <b>45</b> , 5530-5544 (1992).
<i>m.c.</i>	92.	S. Torquato, B. Lu, and J. Rubinstein, Nearest-neighbor distribution functions in many-body systems, Phys. Rev. A <b>41</b> , 2059--2075 (1990).

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